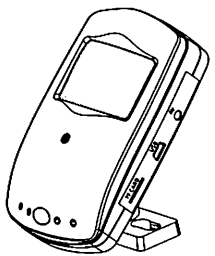
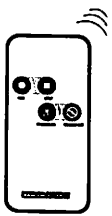
User Manual

PIR Smart Cam





Welcome!

Thank you for purchasing. It is a small hidden audio & video recorder with multifunctional features, such as motion detection recording, pre-recording and remote recording. This product supports large-capacity Micro SD card extension which is easy for access and data reading.

Safety instructions

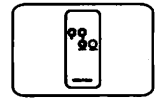
Please read these instructions before using the product.

- Since this product is controlled by a microcomputer chip, it is normal that system halt may occur if users operate it incorrectly. In this case, re-start the device .
- This product is neither waterproof nor dust proof, and therefore it can not be used outdoors or in adverse environment.
- Please adopt original DC power supply, to avoid causing device damage or electric shock or fire.
- Unauthorized dismantlement of the device or replacement of device parts is forbidden. The manufacturer will not be responsible for any loss arising from such actions.
- Do not put the device into fire, oven or microwave oven, in order to avoid explosion.
- As a result of version changes, the user manual may be different from the real product. Please take the real product as the standard.

Product accessories

Cam*1

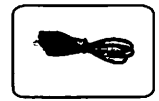
Bracket*1



Remote controller*1

Adapter*1

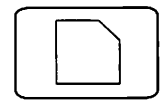
AV Line*1



USB cable*1

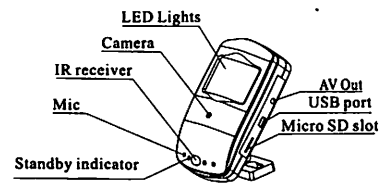
Screws*2

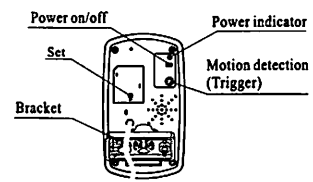
User manual*1



Micro SD card(Optional)

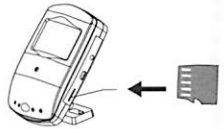
Structure



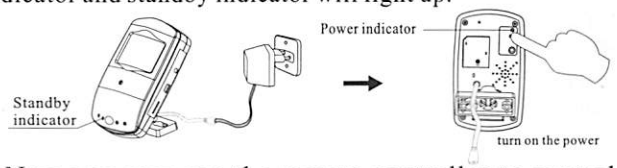


Quick start

1. Insert Micro SD card.



2. Insert the supplied power supply plug into the DC socket, and place the power switch to "ON" to start the unit; the power indicator and standby indicator will light up.

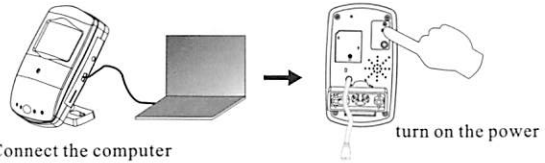


3. Now you may use the remote controller to control it. Or Press the "Trigger" button to start MD function, the standby indicator **goes out**. When the recording is triggered, standby indicator **flashes once**. Press the button again to disable MD recording and the standby indicator will **light up** again.

When using the remote control, press the "REC"button,the standby indicator **goes out**. press the "STOP"button again, the standby indicator will **light up**.

Unit setting

1. Connect the unit to your computer, and turn on the power .



2. Open "My Computer" and you will find a mobile hard disk; click the "DvXSet.exe", then follow the following setting:

Setting instruction:

A. Date: Click "year/month/date"first,after turning in blue background , then click "△"or "▽" to adjust .

B. Time: Click "hour/minute/second"first, after turning in blue background , then click "△"or "▽" to adjust .

C. Date/TimeFormat: Click "▽" to choose the "YY/MM/DD" or DD/MM/YY or MM/DD/YY.

D. MD Sensitive: Click " ▽ "to choose motion sensitivity from 1-5.(5 is the most sensitivity and 3 is suggested)

E. LightFrequence(Hz): Click "▽"to choose the light frequency in your country. Normally it is 50Hz in Europe and China, 60Hz in America and Japan.

F. ImageQuality: Click " ▽ "to choose resolution: High-HD, Standard-D1,Low-VGA, (the default value is High)

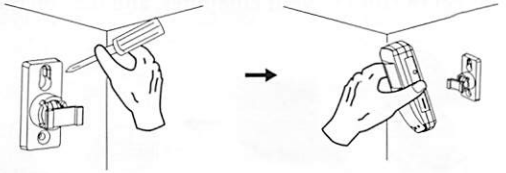
G. OverWrite: "ON" means it overwrites when the memory card is full. "OFF" means no overwrite (the default value is ON).

H. Bell: "ON" means when you set the product by pressing or remote control, it produce a sound. "OFF" means no sound.

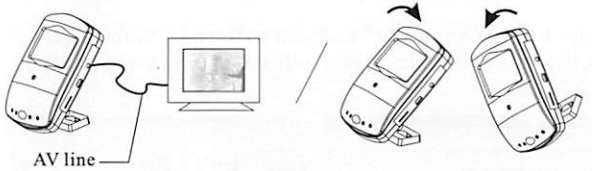
After setting, save the "DvXset.exe" without disconnect from PC. And please press "SET" on the back of the camera for 3-5 seconds, then release it. Now the Removable disk disappears in your computer and the standby indicator light up then setting finishes.

Unit Installation

1.Fasten the mounting brackets with the supplied screws, and place the unit into the mounting brackets.



2.Adjusting the view angle after connecting the AV line.



Test the unit after installation, view the recorded files to determine whether the installation angle meets the requirements.

Important

1.Please check the device regularly. If any abnormal performance is detected, check the power or restart it.

2.When the device is connected to the TV , the following screen will appear:

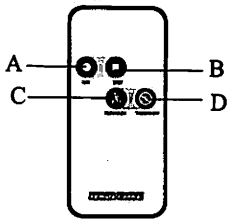
A: " " means the device is under recording mode;
" " means the device is under photo mode(optional);
" " means the device is recording.
B:Present time and date.
C:Recording time.
D: Motion detection

Note:
After connecting the device to TV, if the picture is black and white, we suggest you change the TV system to be "N358" or "AUTO". Then it will be color. Any of adjustment on TV won't change the device's setting and video.

3. Start recording from 3 seconds before the trigger and 15 seconds after the trigger, with a minimum recording time of 18 seconds. When the object is detected to move continuously, MD recording will go on for another 15 seconds and then continue to record videos. The recording time of any single file should not exceed 15 minutes.

4. When you press the buttons, the unit will make sound "tick", and then the indicator lights to indicate appropriate functions.

Remote operation



Button description:
Button A: manual recording
Button B: stop recording
Button C: enable MD mode
Button D: disable MD mode

1.When using the remote control, aim the emission head of the remote control to the receiver module of the main unit; press A, C, buttons, and the unit will make two "tick" sounds after receiving instructions; press B, D, buttons, and the unit will make one "tick" sound after receiving instructions. The unit will enable appropriate functions.

2.When manual recording is enabled, the unit will continuously record until you press to stop it or Micro SD is out of memory (recording will stop when in non-overwritten mode i.e. "Overwrite=OFF") . New files will be generated when recording time exceeds 15 minutes.

Tips:

• This remote control is based on infrared remote control, so the receiver module only receives the light wave emitted by straight emission line. When the emission head or receiver module is blocked, or the light wave emitted by the emission head can't be received, the remote control will fail to function.

• Low voltage of the batteries installed in the remote control will shorten the remote control distance. Please replace the batteries in time.

• When the remote control is out of service for a long time, remove the batteries to avoid circuit damage.

Connect to PC and read files

1. Connect the unit to PC with a cable. turn on the unit, and then you will see a mobile hard disk in "My Computer"; open the disk and you can copy, delete, move files and format the disk.

2. You can also choose to remove the Micro SD. Select a proper card reader to read the data stored in the card.

Notes:

•Do not remove the Micro SD during recording or when the unit is starting, to avoid damaging the Micro SD, unit or files.

• This unit has an auto file-overwriting function. And when the memory is full, it will automatically delete the earliest dated files to continue to record. If you have any important files, please read and copy them in time.

•To avoid false motion-triggering, please avoid not putting the product straightly to strong light.

•If the product is used to watch out of the window, the motion sensitivity may be decreased, or there will be false triggering due to glisten of the glass.

•In low-light condition, or the moving object being same color as background, the sensitivity may be decreased.

Product Specification

Video format	AVI **HD/D1/VGA 30FPS** with audio
Camera Lens	Color -pinhole
Focal distance	0.6m-infinity
TV system	NTSC/PAL
Memory extension supported	Up to 32 GB
USB port	USB 2.0
Auto file-overwriting	Available
Resolution	HD, D1, VGA(optional)
Detection sensitivity	Software setting Levels 1, 2,3, 4, 5
Pre-record time	3 seconds before motion detected
Record time display	Available
Remote control distance	10 meters
Size of video file	Approx. 35M/Min (Default quality)
Night vision distance	More than 8 meters
Power consumption	Max 350mA 6V(without IR)
Power supply	Input: 100-240V , output: 6V 800mA
Operation temperature	-10-50℃
Operating humidity	20%-80%
Dimensions	103*60*29.5mm